JONES VOLENTINE, L.L.C. (6/2000)

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

TOR U.S. TATEIVI ALLEICATION					
() Original () Supplemental (X) Substitute () PCT () Design					
As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:					
TITLE: METHOD OF AND APPARATUS FOR MANUFACTURING A SEMICONDUCTOR DEVICE USING A POLYSILICON HARD MASK					
of which is described and claimed in:					
() the attached specification, or					
(X) the specification in the application Serial No. 09/695,068 filed October 25, 2000,					
and with amendments through (if applicable), or					
() the specification in International Application No. PCT/, filed,					
and as amended on (if applicable).					
I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.					
I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).					
I hereby claim foreign priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:					

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED YES	
REPUBLIC OF KOREA	99-46909	27 OCTOBER 1999		
			· ·	
			 	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED		
·				

And I hereby appoint Raymond C. Jones, Reg. No. 34,631 and Adam C. Volentine, Reg. No. 33,289, of the firm of JONES VOLENTINE, L.L.C., jointly and severally, attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys named herein to accept and follow instructions from Y.P. LEE & ASSOCIATES as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Kindly direct all correspondence to:

JONES VOLENTINE, L.L.C. 12200 Sunrise Valley Drive Suite 150 Reston, Virginia 20191

Telephone (703) 715-0870

Full Name of 1st Inventor	FAMILY NAME KIM	first given name Ji-soo	SECOND GIVEN NAME			
Residence & Citizenship	CITY Sungnam-city	state or country Republic of Korea	country of citizenship Republic of Korea			
Post Office Address	ADDRESS CITY STATE OR COUNTRY ZIP CODE 139-2101, Darim Parktown, Sunae-dong, Bundang-gu, Sungnam-city, Kyungki-do, Republic of Korea					
Full Name of 2nd Inventor	PAMILY NAME AHN	first given name Tae-hyuk	SECOND GIVEN NAME			
Residence & Citizenship	Yongin-city	state or country Republic of Korea	country of citizenship Republic of Korea			
Post Office Address	102-802, Samik Apt. of Korea	14, Shingal Kiheung-eub, Yon	STATE OR COUNTRY ZIP CODE Igin-city, Kyungki-do, Republic			
Full Name of 3rd Inventor	FAMILY NAME LEE	first given name Won-seok	SECOND GIVEN NAME			
Residence & Citizenship	Sungnam-city	state or country Republic of Korea	country of citizenship Republic of Korea			
Post Office Address	ADDRESS 107-502, Chunggu A Kyungki-do, Republi	сіту pt., Hansol Maeul, Jeongja-don c of Korea	STATE OR COUNTRY ZIP CODE ng, Bundang-gu, Sungnam-city,			

Full Name of 4th Inventor	PARK	first given name Wan-jae	SECOND GIVEN NAME			
Residence & Citizenship	Suwon-city	state or country Republic of Korea	country of citizenship Republic of Korea			
Post Office Address	ADDRESS 816-306, Hanshin Apt. do, Republic of Korea	, 973-3, Youngtong-dong, Pal	STATE OR COUNTRY ZIP CODE Idal-gu, Suwon-city, Kyungki-			
Full Name of 5th Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME			
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP			
Post Office Address	ADDRESS	СІТУ	STATE OR COUNTRY ZIP CODE			

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor _

2nd Inventor _	Tae-hyuk AHN		/ae-hyuk,f)				•
			Won-Seak L	√66 Date	Mar.	9,20)0(
	Won-seok LEE		Wan-Jae Pa	A Date	Mar.	9.20	ן מד
4th inventor_	Wan-jae PARK			Date			
5th Inventor _				Date			
* * * * * * * * * *	******	* * * * * * * * * *	*******	* * * * * *	*****	*****	* * * * *
Applicant Reference	e No.: SS-13289	US	Atty Docket No.:		SEC.761	 	